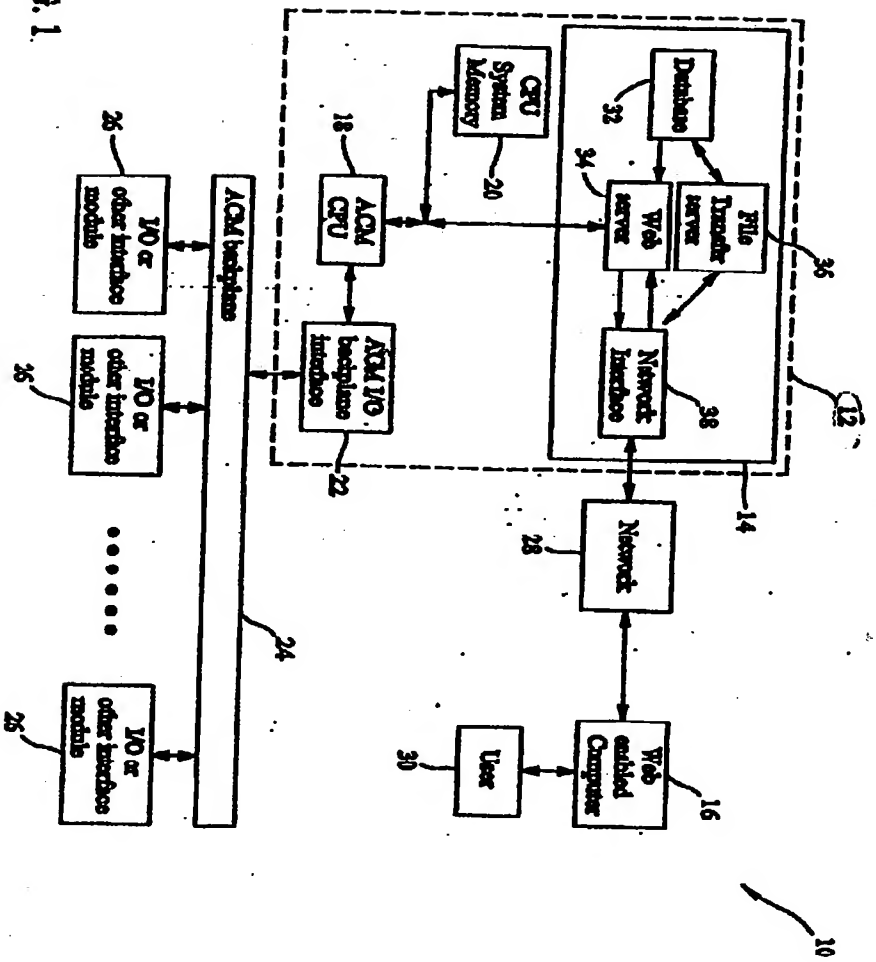

CPU System Memory
20
Database
32
18
ACM CPU
34
Web server
File Transfer server
36
26
I/O or other interface module
ACM backplane
ACM I/O backplane interface
Network interface
38
12
35
I/O or other interface module
22
14
Network
28
24
25
I/O or other interface module
User
30
Web enabled Computer
16
10

FIG. 1

FIGURE 2

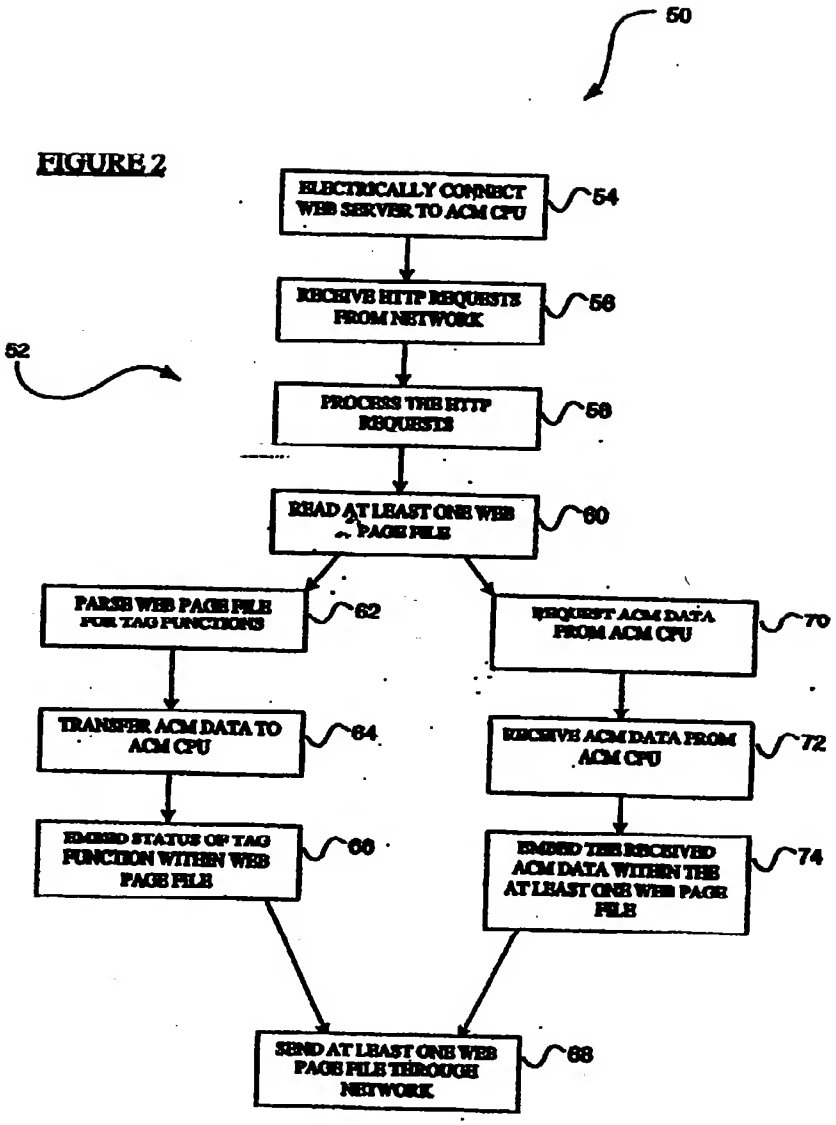

50
52
ELECTRICALLY CONNECT WEB SERVER TO ACM CPU
54
RECEIVE HTTP REQUESTS FROM NETWORK
56
PROCESS THE HTTP REQUESTS
58
READ AT LEAST ONE WEB PAGE FILE
60
PARSE WEB PAGE FILE FOR TAG FUNCTIONS
62
REQUEST ACM DATA FROM ACM CPU
70
TRANSFER ACM DATA TO ACM CPU
64
RECEIVE ACM DATA FROM ACM CPU
72
EMBED STATUS OF TAG FUNCTION WITHIN WEB PAGE FILE
66
EMBED THE RECEIVED ACM DATA WITHIN THE AT LEAST ONE WEB PAGE FILE
74
SEND AT LEAST ONE WEB PAGE FILE THROUGH NETWORK
68

FIGURE 3

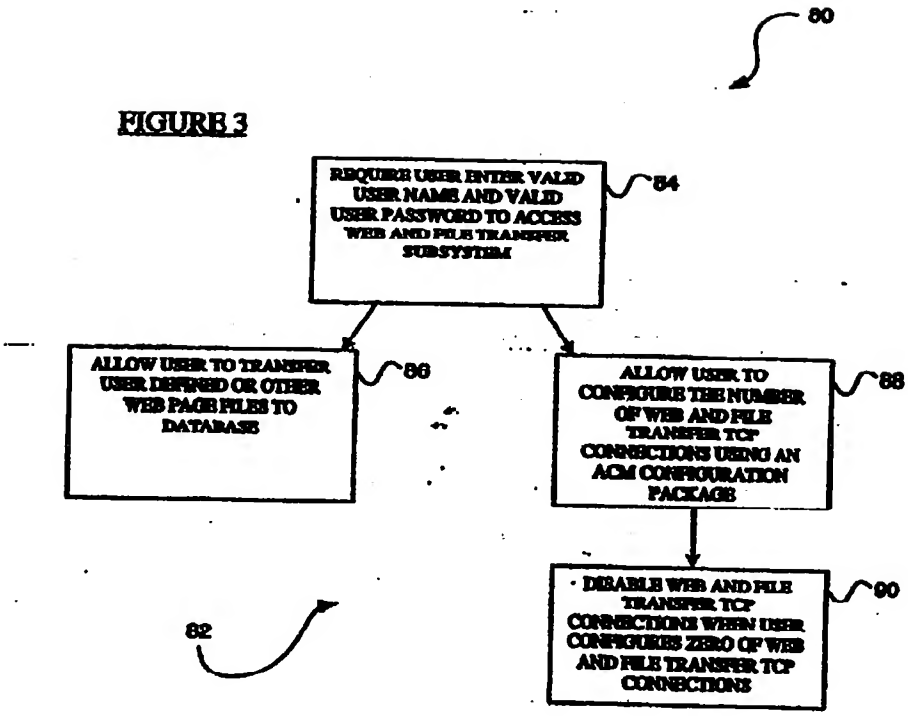
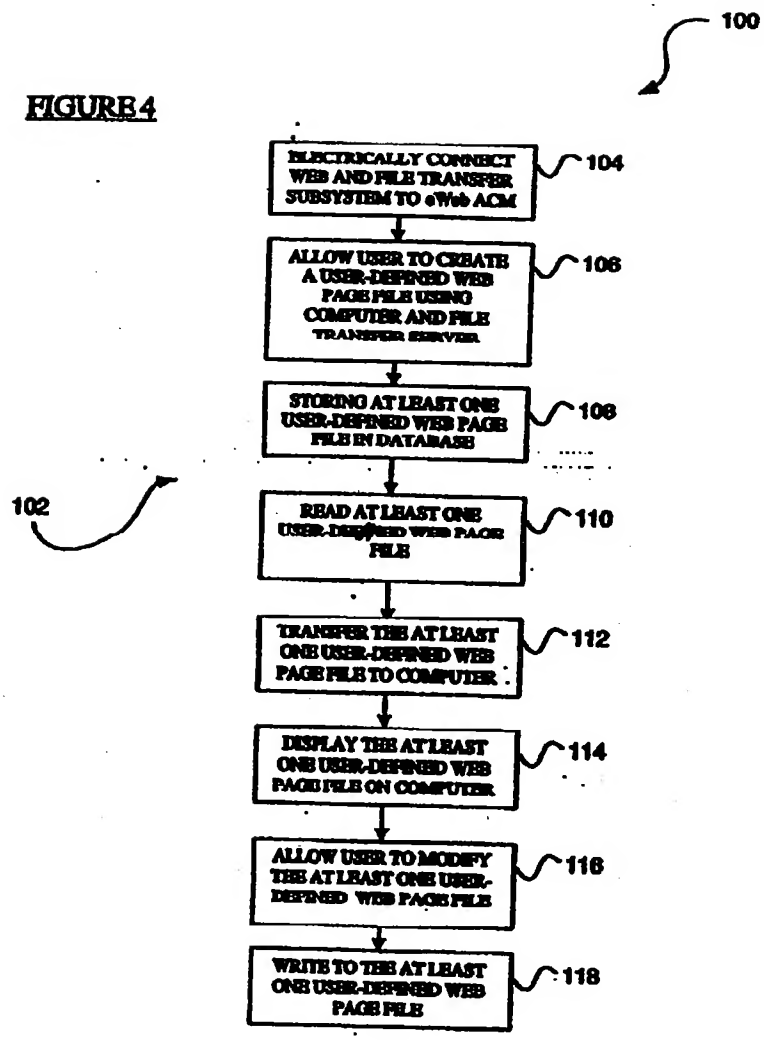

80
REQUIRE USER ENTER VALID USER NAME AND VALID USER PASSWORD TO ACCESS WEB AND FILE TRANSFER SUBSYSTEM
84
ALLOW USER TO TRANSFER USER DEFINED OR OTHER WEB PAGE FILES TO DATABASE
86
ALLOW USER TO CONFIGURE THE NUMBER OF WEB AND FILE TRANSFER TCP CONNECTIONS USING AN ACM CONFIGURATION PACKAGE
88
DISABLE WEB AND FILE TRANSFER TCP CONNECTIONS WHEN USER CONFIGURES ZERO OF WEB AND FILE TRANSFER TCP CONNECTIONS
90
82

FIGURE 4


100
ELECTRICALLY CONNECT WEB AND FILE TRANSFER SUBSYSTEM TO eWeb ACM
104
ALLOW USER TO CREATE A USER-DEFINED WEB PAGE FILE USING COMPUTER AND FILE TRANSFER SERVER
106
STORING AT LEAST ONE USER-DEFINED WEB PAGE FILE IN DATABASE
108
102
READ AT LEAST ONE USER-DEFINED WEB PAGE FILE
110
TRANSFER THE AT LEAST ONE USER-DEFINED WEB PAGE FILE TO COMPUTER
112
DISPLAY THE AT LEAST ONE USER-DEFINED WEB PAGE FILE ON COMPUTER
114
ALLOW USER TO MODIFY THE AT LEAST ONE USER-DEFINED WEB PAGE FILE
116
WRITE TO THE AT LEAST ONE USER-DEFINED WEB PAGE FILE
118

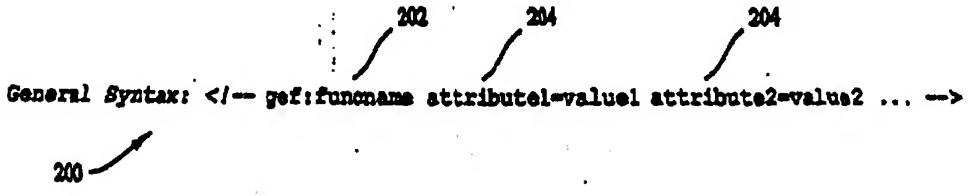


FIG. 5

5/11

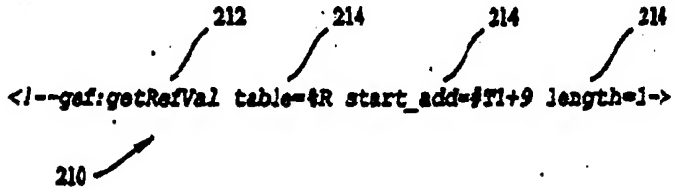


FIG. 6

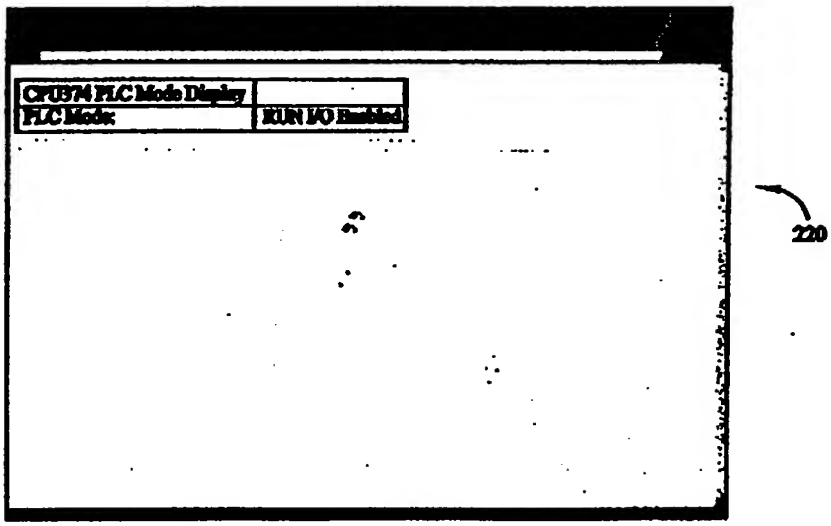


FIG. 7

```
<html>
<head>
<title> CPU374 PLC Mode </title>
</head>
<body>
<table border="1" >
   <tr>
      <td ><b>CPU374 PLC Mode Display</b></td>
   </tr>
   <tr>
      <td >PLC Mode:</td>
      <td ><!-- gef:plcMode --></td>
   </tr>
      </table>
</body>
</html>
```

232

230

FIG. 8

```
<html>

<head>
<title> CPU374 PLC Mode </title>
</head>
<body>
<table border="1" >
   <tr>
      <td ><b>CPU374 PLC Mode Display</b></td>
   </tr>
   <tr>
      <td >PLC Mode:</td>
      <td >Run I/O Enabled</td>
   </tr>
      </table>
</body>
</html>
```

242

240

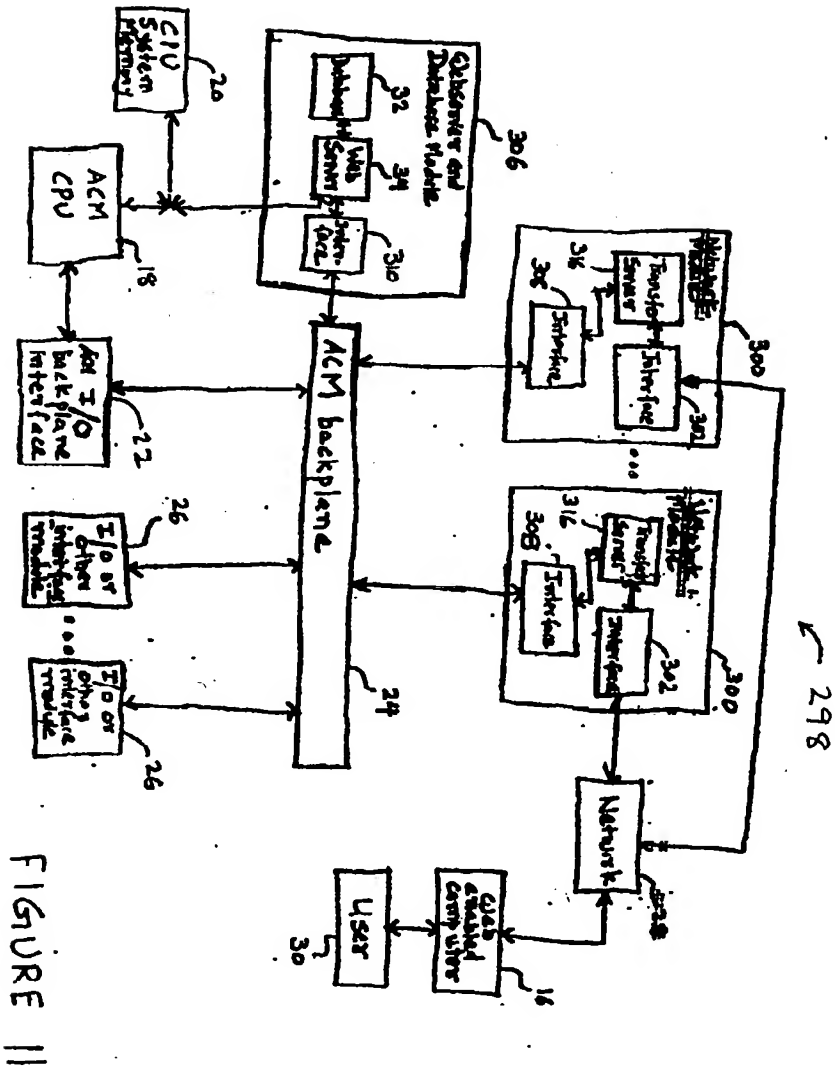
FIG. 9

```
<html>

<head>
<title>CPU374 PLC Mode </title>
</head>
<body>
<script>
<!-- hide me
var PLC_mode = "<!-- gef:plcMode -->"

// stop hiding -->
</script>
<table border="1" >
  <tr>
    <td >CPU374 PLC Mode Display</td>
   </tr>
  <tr>
    <td >PLC Mode</td>
<script>
<!-- hide me
    document.write("<td>");
    document.write(PLC_mode);
    document.write("</td>");

// stop hiding -->
</script>
  </tr></table></body></html>
```

252

250

FIG. 10


CIU System Partner
20
ACM CPU
18
ACM I/O backplane interface
22
ACM backplane
24
I/O of other interface module
26
I/O of other interface module
26
Customer and Database Module
306
32
Web Server
34
Interface
36
Interface
36
Interface
36

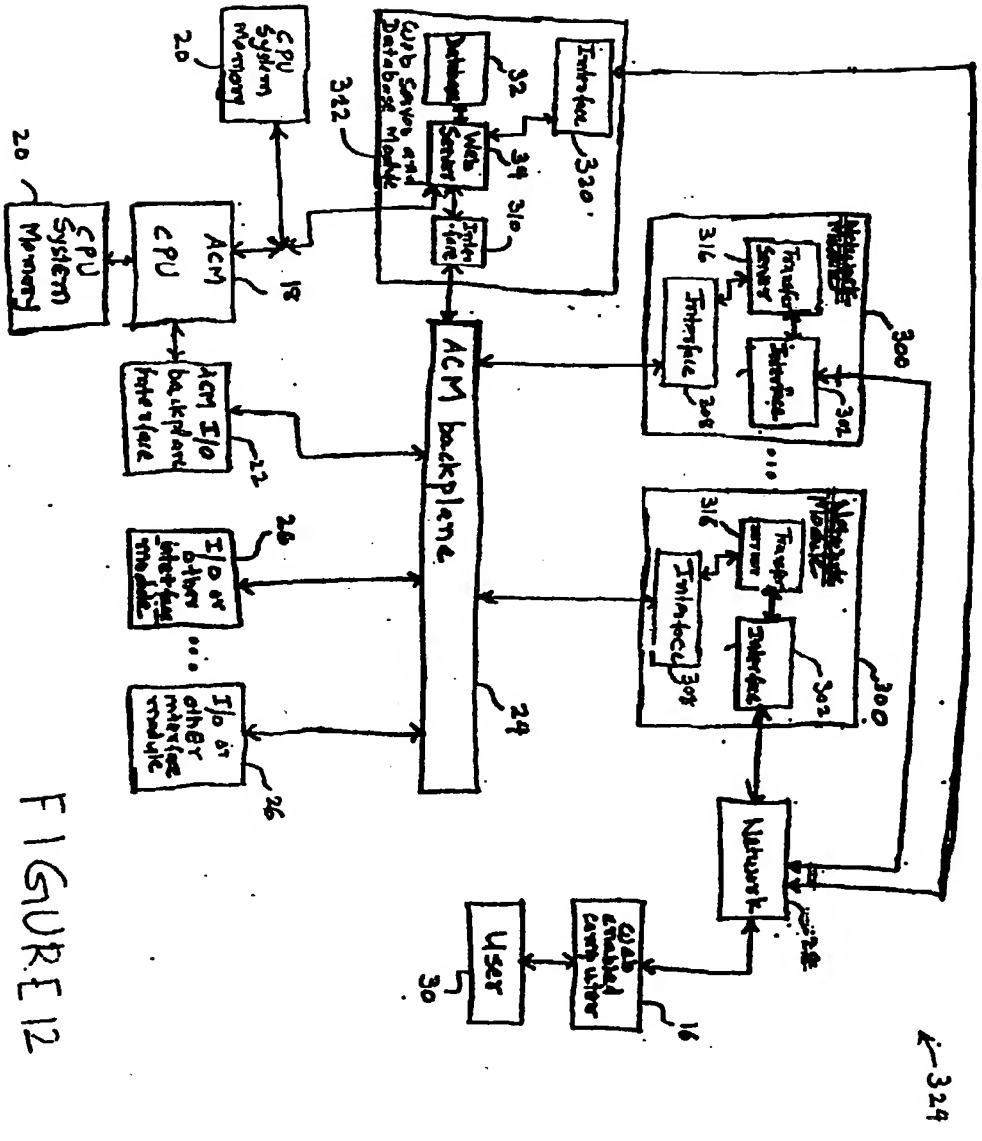

CPU System Memory
20
CPU System Memory
20
ACM CPU
18
Web Server and Database Module
342
Database
32
Web Server
34
Interface
320
Interface
310
ACM backplane
ACM I/O backplane interface
22
I/O or other interface module
26
I/O or other interface module
26
Network Interface
316
Transceiver
Interface
318
Network Interface
316
Transceiver
Interface
318
300
302
300
ACM backplane
24
Network
324
Web enabled computer
16
User
30

FIGURE 12

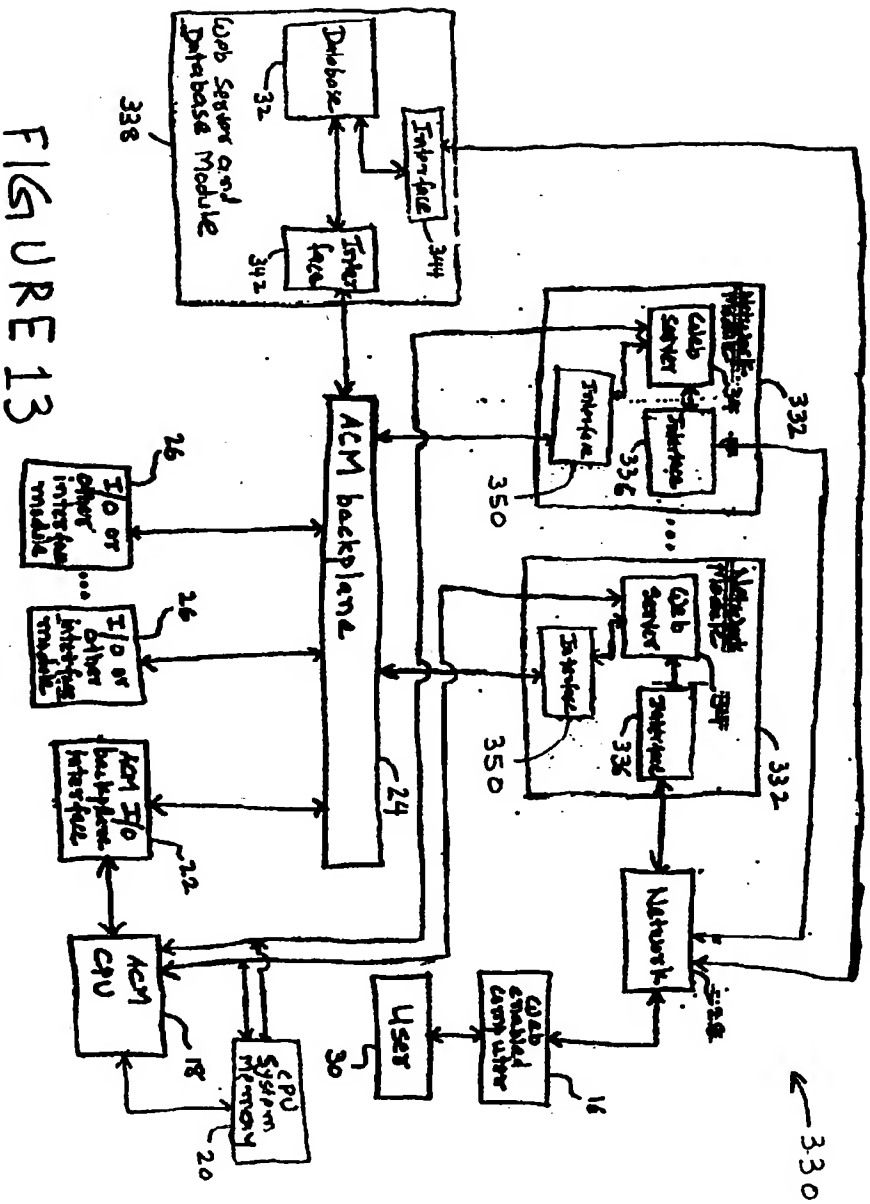

Web Server and Database Module
338
Database
32
Interface
344
Interface
342
ACM backplane
24
ACM I/O backplane interface
22
ACM CPU
18
CPU System Memory
20
I/O or other interface module
26
I/O or other interface module
26
Web Server
Interface
336
332
350
Web Server
Interface
336
332
350
Network
User
90
Web enabled client user
16
330

FIGURE 13